

Attorney Docket No. 2481.1597-00	Serial No. 09/099,307
Applicant Johann ERTL et al.	
Filing Date June 18, 1998	Group <del>4614</del> 1646

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
CK	4,731,405	3/15/88	Kirsch et al.			
	5,101,013	3/31/92	Dörschug et al.			
	5,473,049	12/5/95	Obermeier et al.			
	5,663,291	9/2/97	Obermeier et al.			
	4,614,730	9/30/86	Hansen et al.			
	3,758,683	9/11/73	Jackson			
CK	3,868,358	2/25/75	Jackson			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Trans. Yes	Trans. No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CK		Kemmler, Wolfgang et al., "Studies on the Conversion of Proinsulin to Insulin," <i>The Journal of Biological Chemistry</i> , Vol. 246, No. 22, (1971), pp. 6786-6791.
		Nathan. et al., "The Effect of Intensive Treatment of Diabetes on the Development and Progression of Long-Term Complications in Insulin-Dependent Diabetes Mellitus," <i>The New England Journal of Medicine</i> , Vol. 329, No. 14, (1993), pp. 977-986.
		Ward, J.D., "Diabetic neuropathy," <i>British Medical Bulletin</i> , Vol. 45, No. 1, (1989), pp. 111-126.
CK		German Search Report for DE Appln. No. 19726167.1, November 24, 1997.

Examiner C Saoud	Date Considered 8/19/99
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
CA	4,885,164	12/5/89	Thurrow			
CA	4,644,057	2/17/87	Bicker et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Trans. Yes	Trans. No
CA	0 600 372 ✓	11/25/93	Europe (with Derwent abstract)			X	abstract only
	0 668 292 ✓	2/9/95	Europe (with Derwent abstract)			X	abstract only
	0 678 522 ✓	2/6/90	Europe				
	2219 635 ✓	4/21/72	Germany (with Derwent abstract)			X	abstract only
	32 40 177 ✓	10/29/82	Germany (with Derwent abstract)			X	abstract only
	WO83/00288 ✓	2/3/83	PCT				
	WO90/07522 ✓	7/12/90	PCT				
CA	WO92/00321 ✓	1/9/92	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Home, P.D. et al., "Insulin treatment: a decade of change," <i>British Medical Bulletin</i> , Vol. 45, No. 1, (1989), pp. 92-110.
	Kang, Steven et al., "Subcutaneous Insulin Absorption Explained by Insulin's Physicochemical Properties - Evidence from Absorption Studies of Soluble Human Insulin and Insulin Analogues in Humans," <i>Diabetes Care</i> , Vol. 14, No. 11, (1991), pp. 942-948.
CA	Kohner, E.M., "Diabetic retinopathy," <i>British Medical Bulletin</i> , Vol. 45, No. 1, (1989), pp. 148-173.

Examiner C. Saoud	Date Considered 8/19/99
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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
CA	5,358,857	10/25/94	Stengelin et al.			
CA	4,783,441	11/8/88	Thurrow			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Trans. Yes	Trans. No
CA	0 018 609 ✓	4/25/80	Europe (with Derwent abstract)			X	abstract only
	0 180 920 ✓	10/31/85	Europe (with Derwent abstract)			X	abstract only
	0 211 299 ✓	7/19/86	Europe (with Derwent abstract)			X	abstract only
	0 214 826	8/29/86	Europe				
	0 227 938 ✓	11/21/86	Europe (with Derwent abstract)			X	abstract only
	0 229 956 ✓	12/5/86	Europe (with Derwent abstract)			X	abstract only
	0 305 760 ✓	8/4/88	Europe (with Derwent abstract)			X	abstract only
	0 375 437 ✓	12/21/89	Europe				
CA	0 419 504 ✓	1/26/94	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Berger, Michael, "Towards more physiological insulin therapy in the 1990s - A comment," <i>Diabetes Research and Clinical Practice</i> , 6 (1989), pp. S25-S31.
	Bolli, Geremia B., "The pharmacokinetic basis of insulin therapy in diabetes mellitus," <i>Diabetes Research and Clinical Practice</i> , 6 (1989), pp. S3-S16.
	Dixon, Dr. G.H. et al., "Regeneration of Insulin Activity From the Separated and Inactive A and B Chains," <i>Nature</i> , Vol. 188, No. 4752 (1960), pp. 721-724.
CA	Drury, P.L. et al., "Diabetic nephropathy," <i>British Medical Bulletin</i> , Vol. 45, No. 1, (1989), pp 127-147.

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub Class	Trans. Yes	Trans. No
	678 522 ✓	10/25/95	EP				
	837 072 ✓	4/22/88	EP				
	375 437 ✓	6/27/90	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OK		Müller et al., "Insulin Signaling in the Yeast <i>Saccharomyces cerevisiae</i> 1. Stimulation of Glucose Metabolism and Snf 1 Kinase by Human Insulin," <i>Biochemistry</i> , Vol. 37, No. 24, (1998), pp. 8683-8695.
OK		European Search Report for EP Application 98110889.7-2105, October 14, 1998.
Examiner	C. Saoud	Date Considered 8/19/99
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